

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Paragraph beginning at line 10 of page 4 has been amended as follows:

Figure 7A shows the approximate location of the domain in Mkinase that has homology to other known kinases. Figure 7B shows a multiple sequence alignment of Mkinase (SEQ ID NO:14) from amino acids 1 through 233 against corresponding regions of other known kinases (SEQ ID NOS:10-13). Consensus sequences = SEQ ID NOS:15-17.

Paragraph beginning at line 16 of page 37 has been amended as follows:

A number of cyclin destruction boxes are known in the art, for example, cyclin A has a destruction box comprising the sequence RTVLGVIGD (SEQ ID NO:3); the destruction box of cyclin B1 comprises the sequence RTALGDIGN (SEQ ID NO:4). See Glotzer et al., Nature 349:132-138 (1991). Other destruction boxes are known as well:

YMTVSIIDRFMQDSCVPPKMLQLVGVT (SEQ ID NO:5) (rat cyclin B);
KFRLQETMYMTVSIIDRFMQNSCVPPK (SEQ ID NO:6) (mouse cyclin B);
RAILIDWLIQVQMKFRLQETMYMTVS (SEQ ID NO:7) (mouse cyclin B1);
DRFLQAQLVCRKKLQVVGITALLASK (SEQ ID NO:8) (mouse cyclin B2); and
MSVLRGKLQLVGTAAMLL (SEQ ID NO:9) (mouse cyclin A2).

named sequences, SEQ ID NOS:1-17, in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "PatentIn" and is identical to that of the paper copy. This amendment contains no new matter.

Attached hereto is a marked-up version of the changes made to the Specification by the current Amendment. The attached pages are captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE.**"

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



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